

**The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK
GOVERNOR**

**TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD
SECRETARY
JOHN AUERBACH
COMMISSIONER**

3/14/2012

Andrius Knasas
Assistant District Attorney
Suffolk County District Attorney's Office

Dear ADA Knasas

Enclosed is the information you requested in regards to items # [REDACTED]

1. Curriculum Vitae for Hevis Lleshi and Kate Corbett
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for these samples. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for these samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi
Chemist I
Drug Analysis Laboratory
Jamaica Plain, MA 02130
(617) 983-6627

Curriculum Vitae

Hevis Lleshi

Education

Boston University School of Medicine – Master of Science, Forensic Science
University of South Florida – Bachelor of Arts, Clinical Psychology

Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

Employment

March, 2011 – Present
Chemist I, Massachusetts Department of Public Health,
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

Additional Training and Laboratory Experience

- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2009 – 2010

Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units



DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

DORCH.

MA

J P

MA

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITY

GROSS
WEIGHT

LAB USE ONLY

ANALYSIS
NUMBER

Heroin

1 P/B

2.25 gm

Cocaine

1 P/B

2.32 gm

~~Marijuana CIVIL~~

~~2 P/B'S~~

Suboxone

4 P.I.S

5.80 gm

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Date Analyzed: 2/16/12

Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 08/02/2011
Gross Wt.: 2.25

No. Analyzed:
Net Weight: 0.10g
Tests: 4

Prelim: Heroin (HLL)

Findings:

Heroin

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]

Date Analyzed: 2/16/12

Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 08/02/2011
Gross Wt.: 2.32

No. Analyzed:
Net Weight: 0.48g
Tests: 6

Prelim: Cocaine (HLL)

Findings:

Cocaine

No. [REDACTED] Date Analyzed: 3/1/12
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: 4.0 Subst: TAB
No. Cont: 1 Cont: ^{HLL} pb paper fold
Date Rec'd: 08/02/2011
Gross Wt.: 5.80
No. Analyzed: 1
Net Weight: 1.54g (g/4)
Tests: /
• 2CAC
Prelim: Buprenorphine (HLL) Findings: Buprenorphine

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY Boston

ANALYST HU

No. of samples tested: _____

Evidence Wt. OK

PHYSICAL DESCRIPTION:

One pb containing
beige powder. One
piece of paper also
included in evidence
bag.

Gross Wt (): 0.2293g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.1052g

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () + blue / green

Marquis + purple

Froehde's + purple

Mecke's + green

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 2/11/2012

GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS
OPERATOR KAC

DATE 2/16/2012

DRUG POWDER ANALYSIS FORM

SAMPLE # _____ AGENCY Boston ANALYST HLL

No. of samples tested: _____

Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (): 0.6076g

Gross Wt (): _____

Pkg. Wt:

Net Wt: 0.4846g

One pb containing
white powder, double
bagged.

PRELIMINARY TESTS

Spot Tests

Cobalt Thiocyanate () + blue

Marquis

Froehde's

Mecke's _____

Microcrystalline Tests

Gold
Chloride +

TLTA () +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 21/10/2012

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 2/16/2012

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

HLNo. of samples tested: 1Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (4): 2.0515g

Gross Wt (): _____

Four orange hexagonal
imprinted tablets
in one paper fold.
One tablet tested.

Pkg. Wt: _____

Net Wt: (4) 1.5471g

Micromedex:
Buprenorphine - 8 mg



* Evidence bag not sealed on one side, (initials side)

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

(A) + (L) +

PRELIMINARY TEST RESULTS

RESULTS BuprenorphineDATE 2/25/2012

GC/MS CONFIRMATORY TEST

RESULTS BuprenorphineMS
OPERATOR KACDATE 3/1/2012

Drug Information

DRUG NAME: SUBOXONE TABLET

INGREDIENTS: BUPRENORPHINE -- 8 MG
NALOXONE -- 2 MG

Color: orange

Shape: Six-sided

Imprint: N8 Sword Logo

Form: Sublingual Tablet

Available-Container-Size: Bottle of 30

AAPCC Code: 200625 -
Buprenorphine

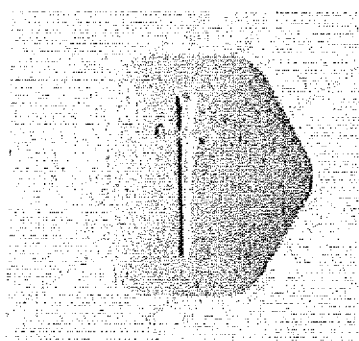
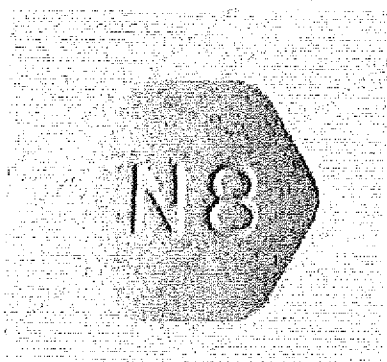
NDC: 12496-1306-02

Regulatory Status: Schedule III

Availability: United States

Product ID 6370996

Contact: Reckitt Benckiser
Pharmaceuticals

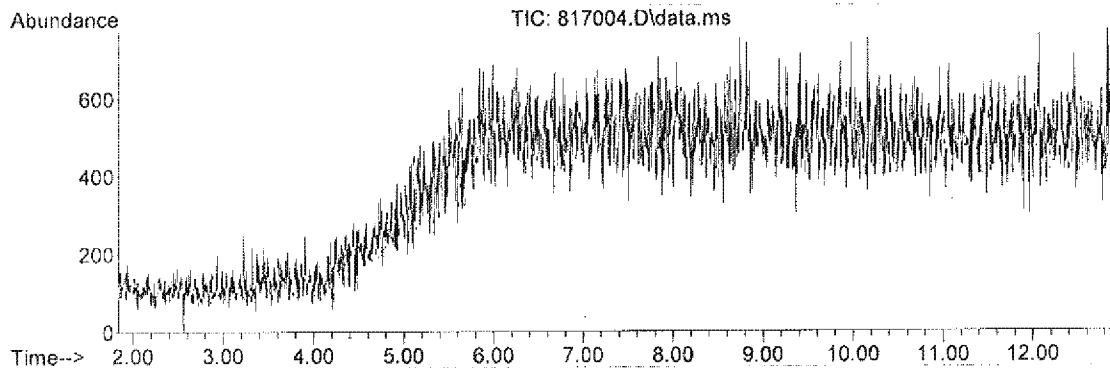


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✓KAC
3/6/12

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817004.D
Operator : KAC
Date Acquired : 14 Feb 2012 14:50
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

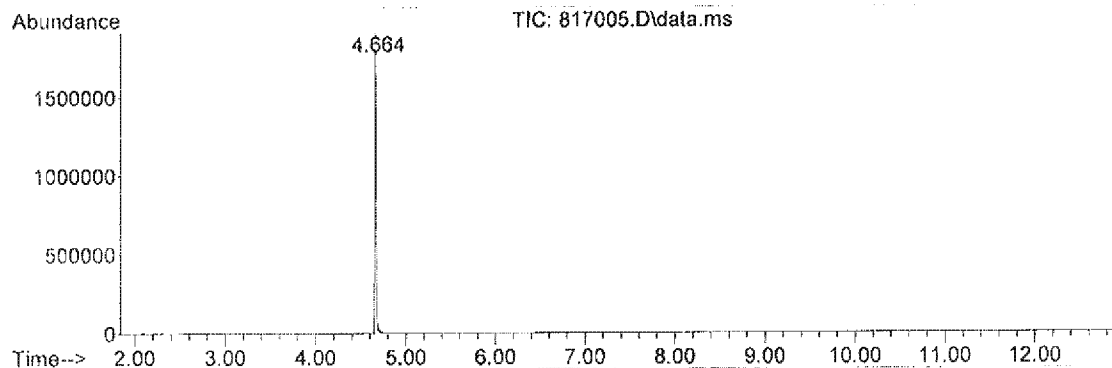


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817005.D
Operator : KAC
Date Acquired : 14 Feb 2012 15:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.664	1806340	100.00	100.00

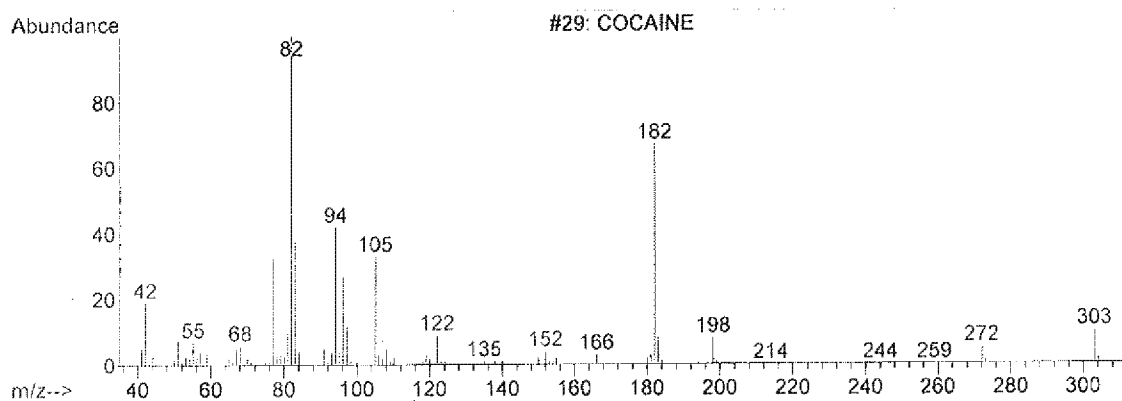
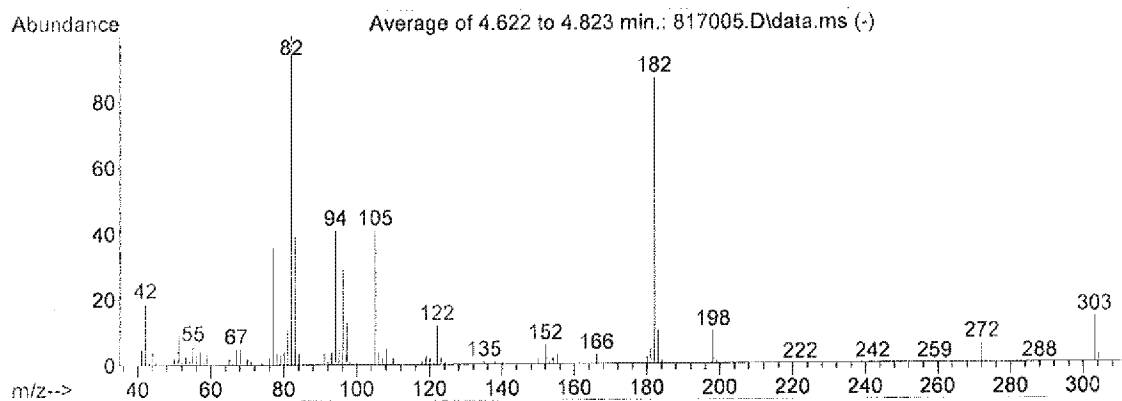
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817005.D
Operator : KAC
Date Acquired : 14 Feb 2012 15:06
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

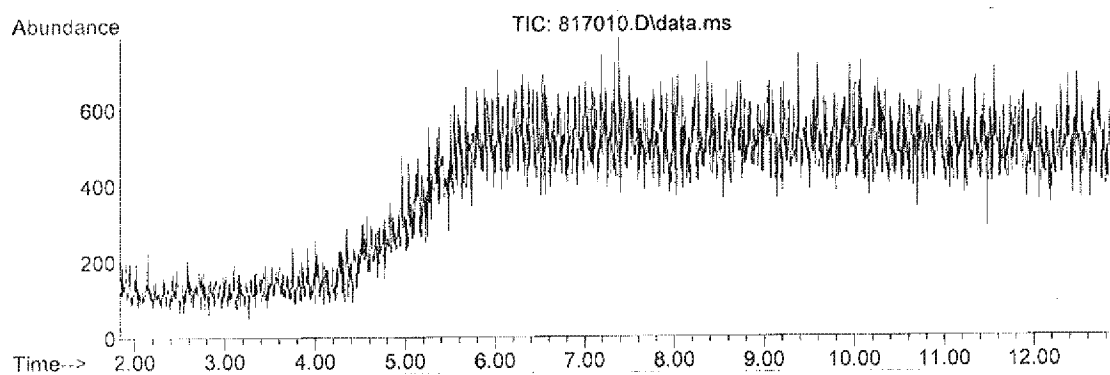
PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817010.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 16:24
 Sample Name : BLANK
 Submitted by : HLL
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



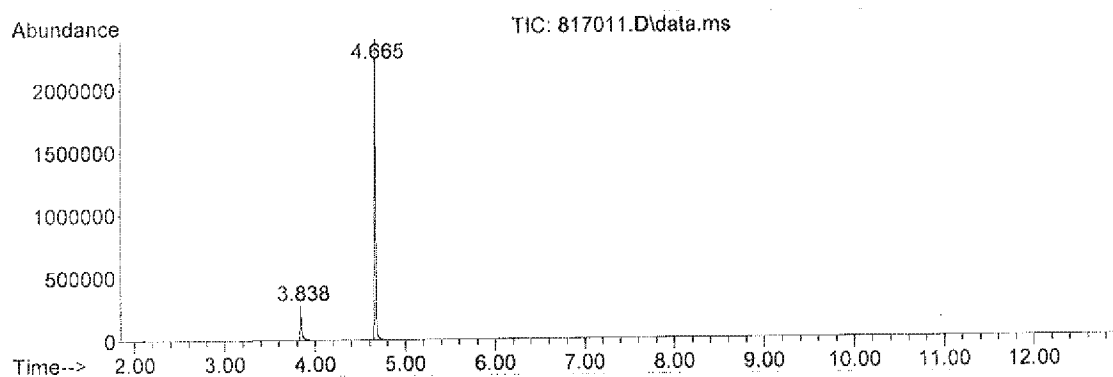
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817011.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 16:39
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 11
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.838	346608	12.76	14.62
4.665	2370029	87.24	100.00

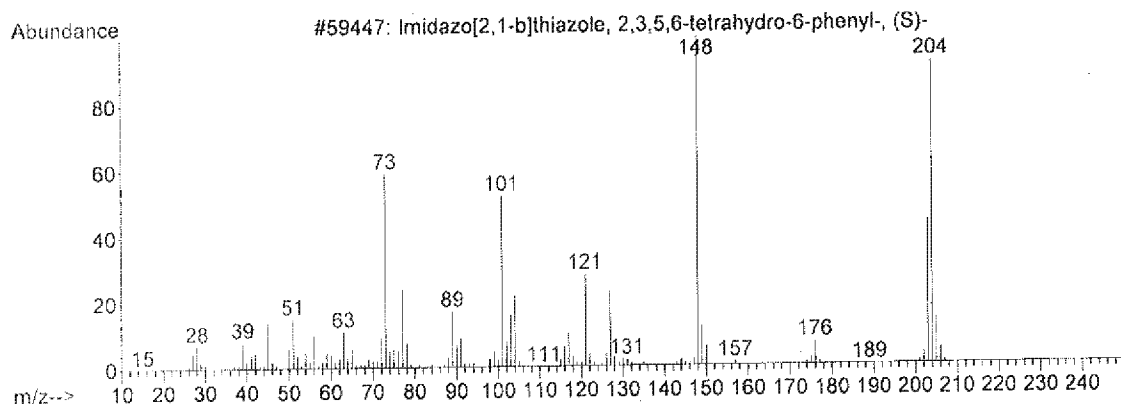
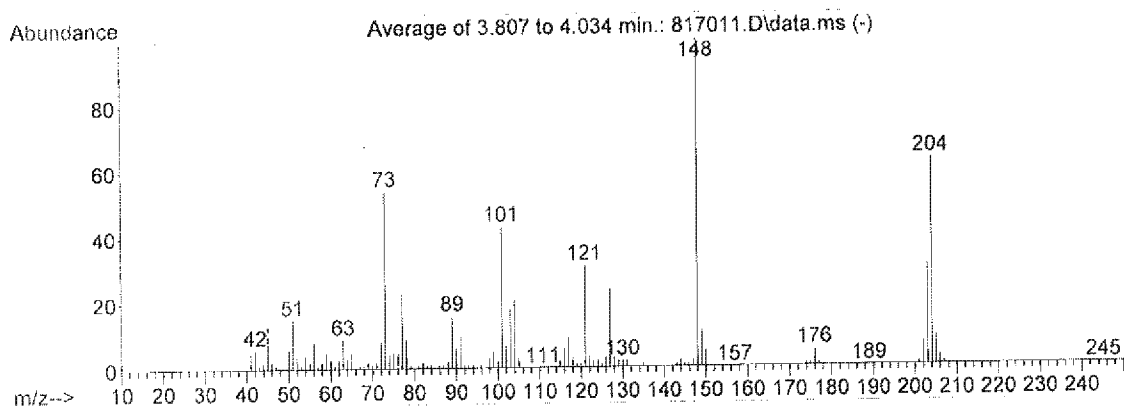
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817011.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 16:39
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 11
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.84	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



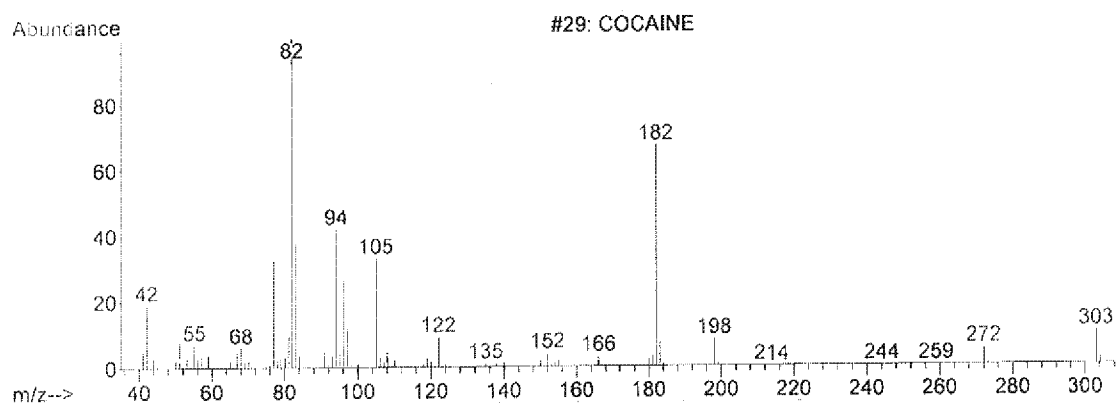
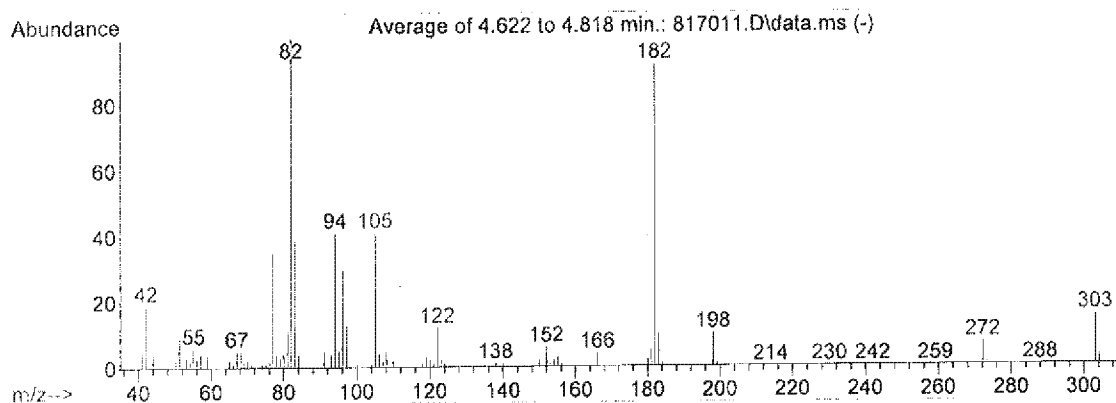
Area Percent / Library Search Report

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 Operator : KAC
 Date Acquired : 14 Feb 2012 16:39
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 11
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

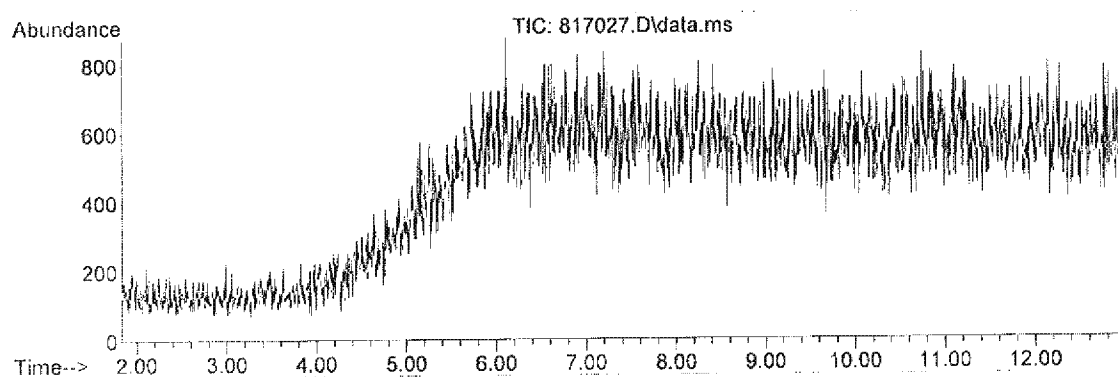
PK#	RT	Library/ID	CAS#	Qual
2	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817027.D
Operator : KAC
Date Acquired : 14 Feb 2012 20:49
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



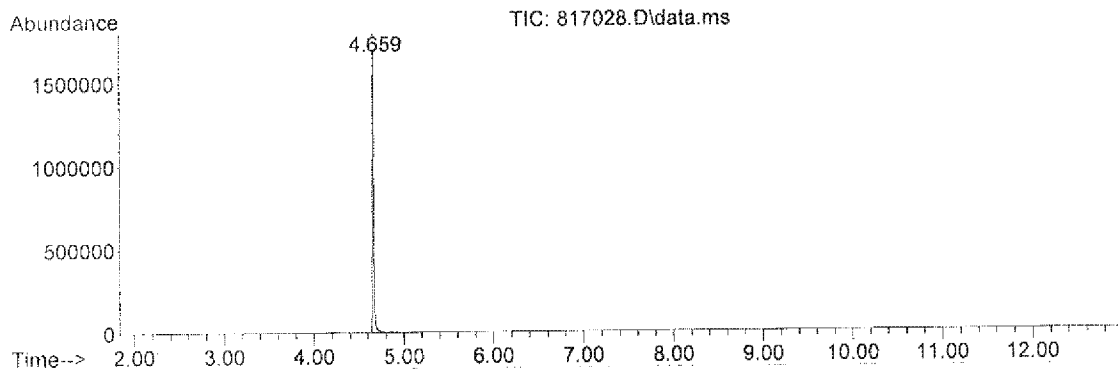
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817028.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 21:05
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.659	1771642	100.00	100.00

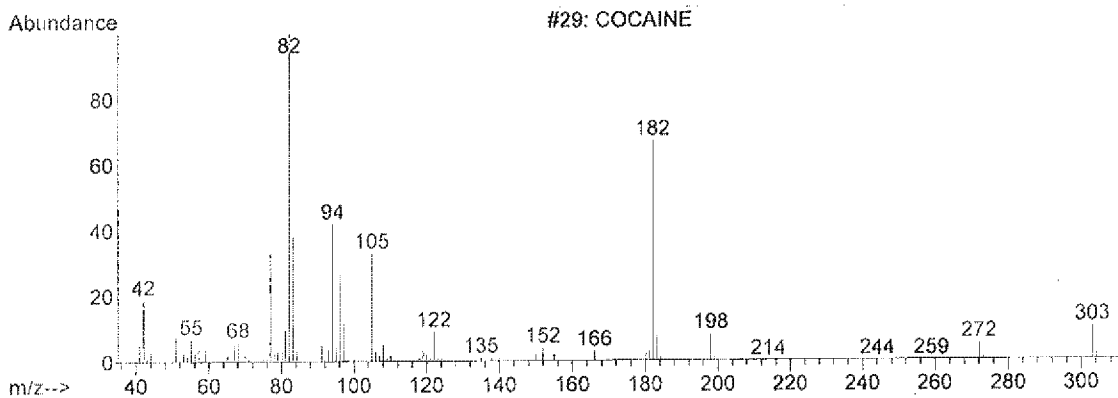
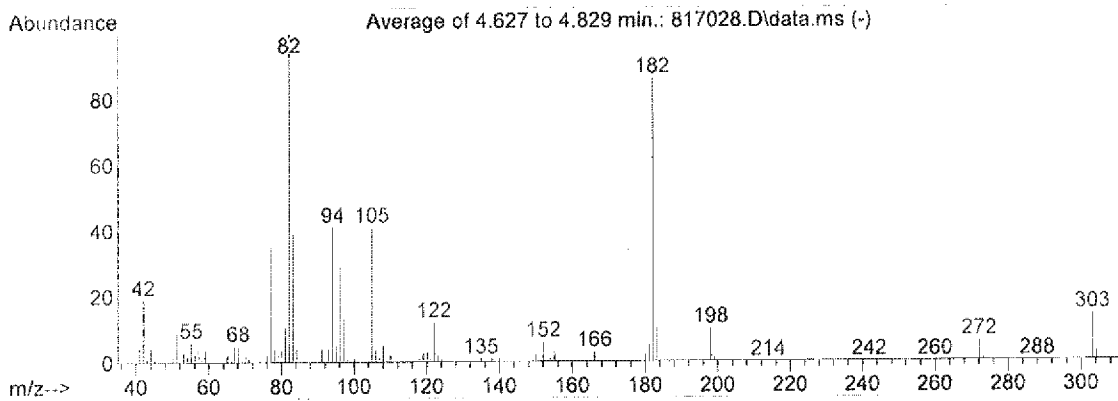
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817028.D
 Operator : KAC
 Date Acquired : 14 Feb 2012 21:05
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 28
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

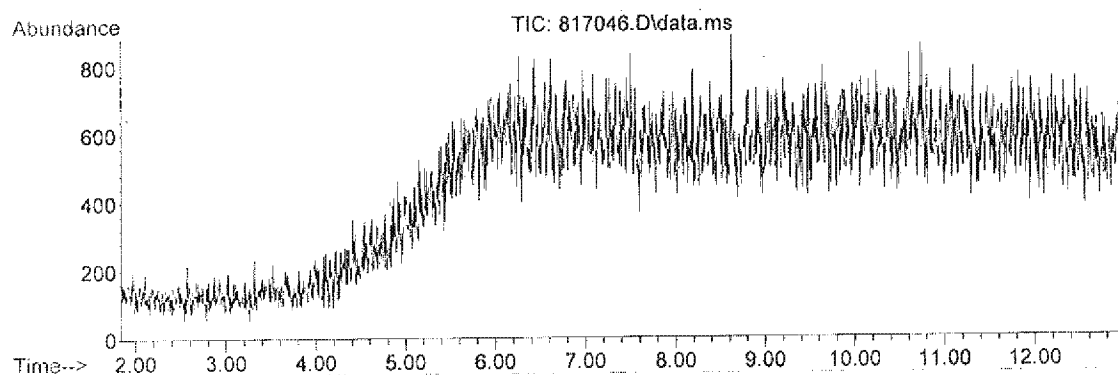
PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817046.D
 Operator : KAC
 Date Acquired : 15 Feb 2012 1:43
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



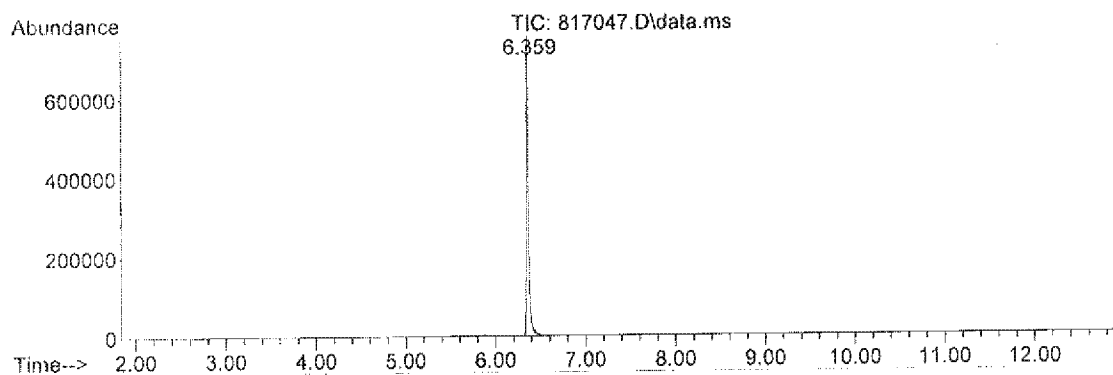
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817047.D
 Operator : KAC
 Date Acquired : 15 Feb 2012 1:59
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 47
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.359	1142156	100.00	100.00

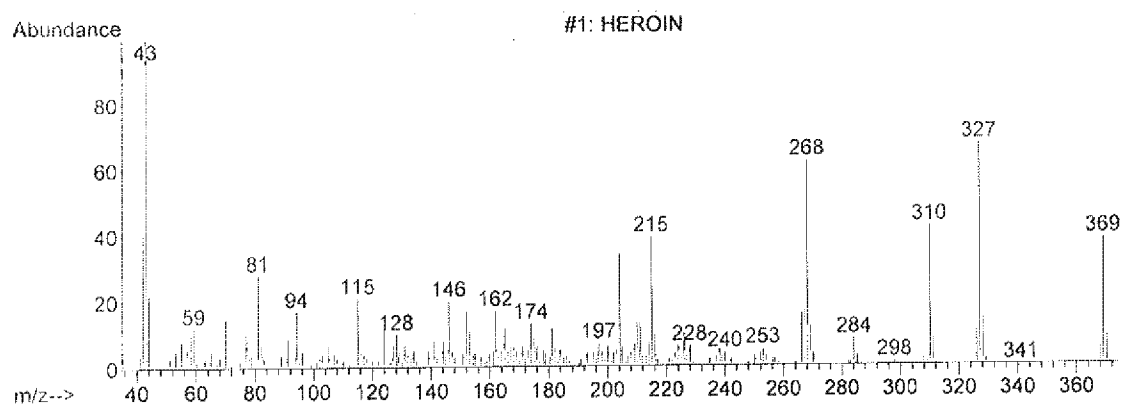
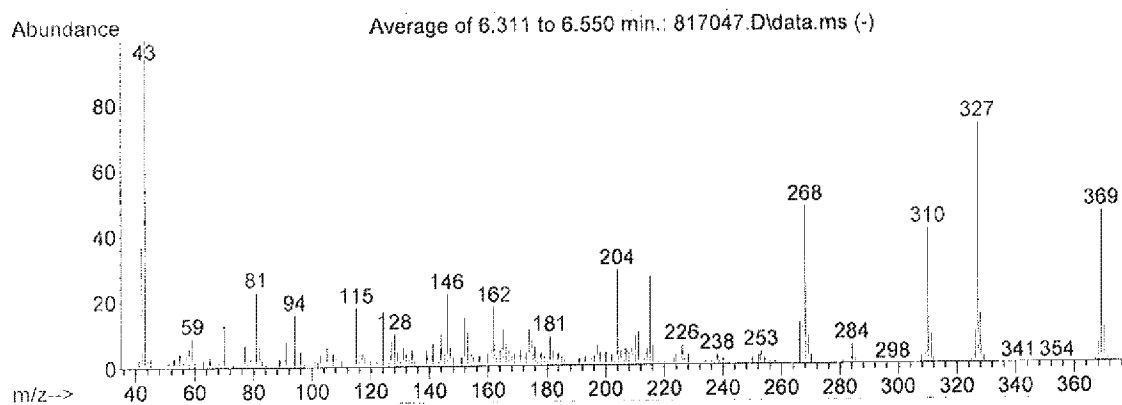
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817047.D
 Operator : KAC
 Date Acquired : 15 Feb 2012 1:59
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 47
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
 C:\Database\NIST05a.L Minimum Quality: 85
 C:\Database\PMW_TOX2.L

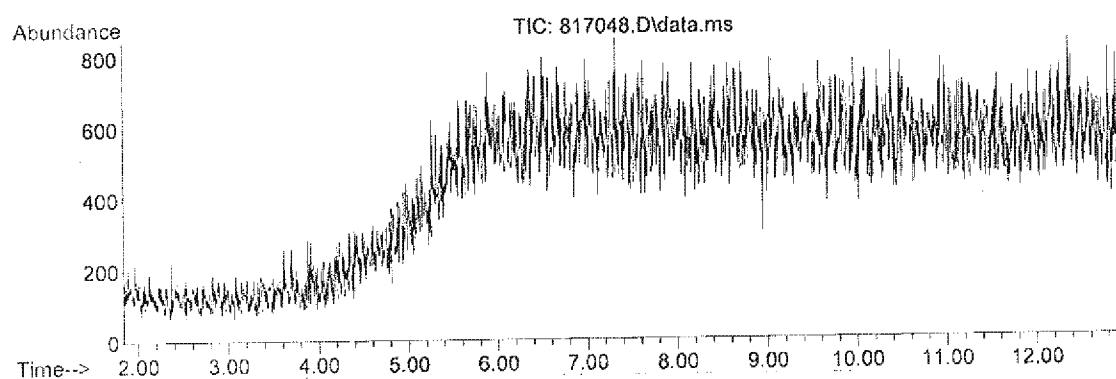
PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817048.D
 Operator : KAC
 Date Acquired : 15 Feb 2012 2:14
 Sample Name : BLANK
 Submitted by : HLL
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



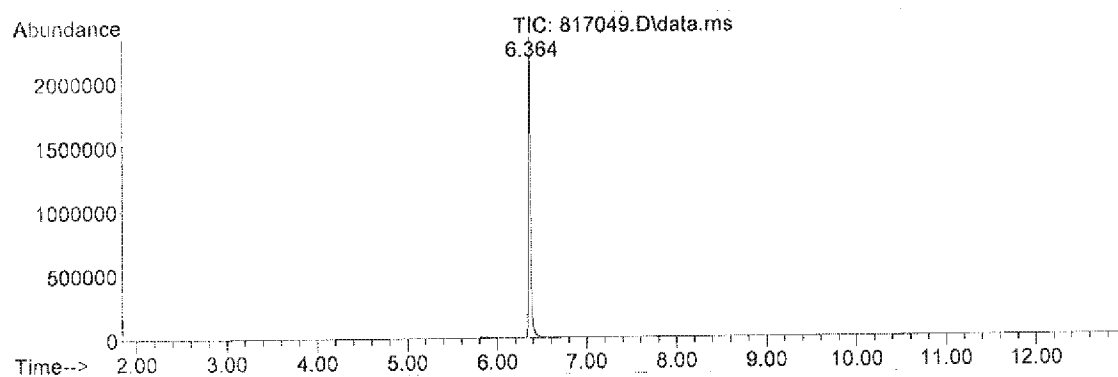
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817049.D
 Operator : KAC
 Date Acquired : 15 Feb 2012 2:30
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 49
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.364	3605191	100.00	100.00

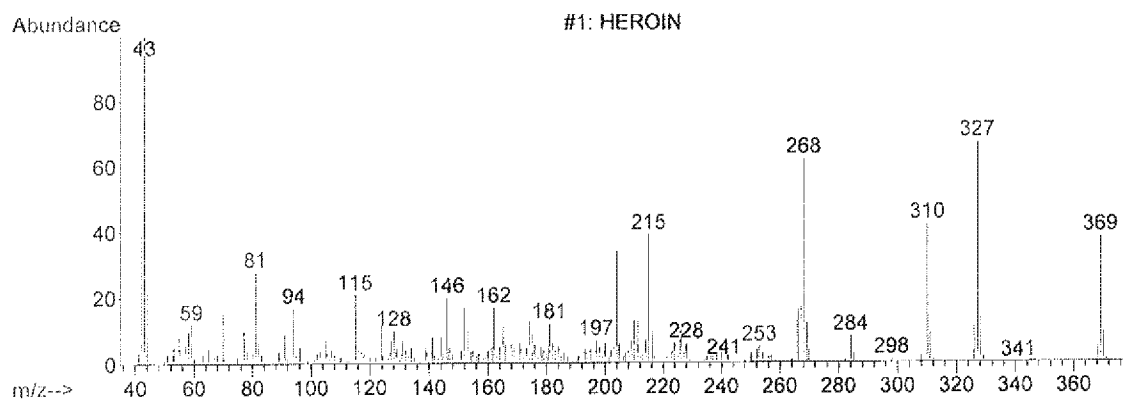
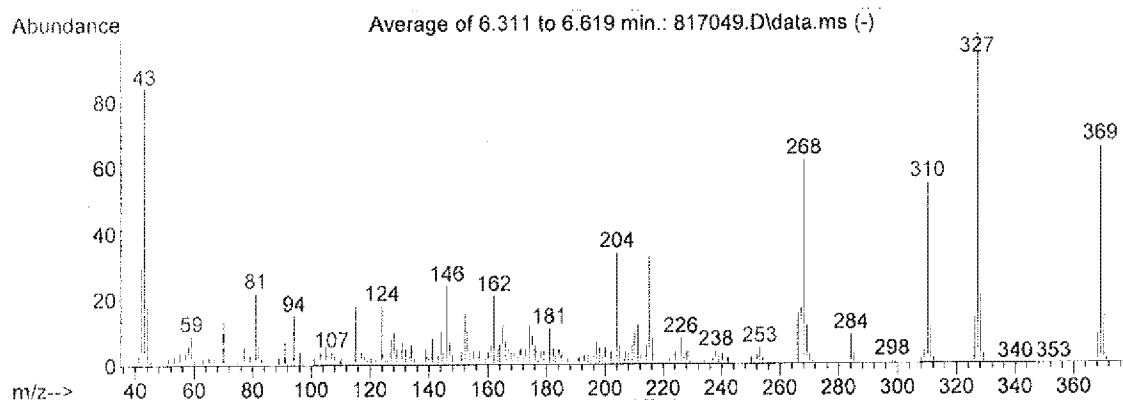
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817049.D
Operator : KAC
Date Acquired : 15 Feb 2012 2:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 49
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

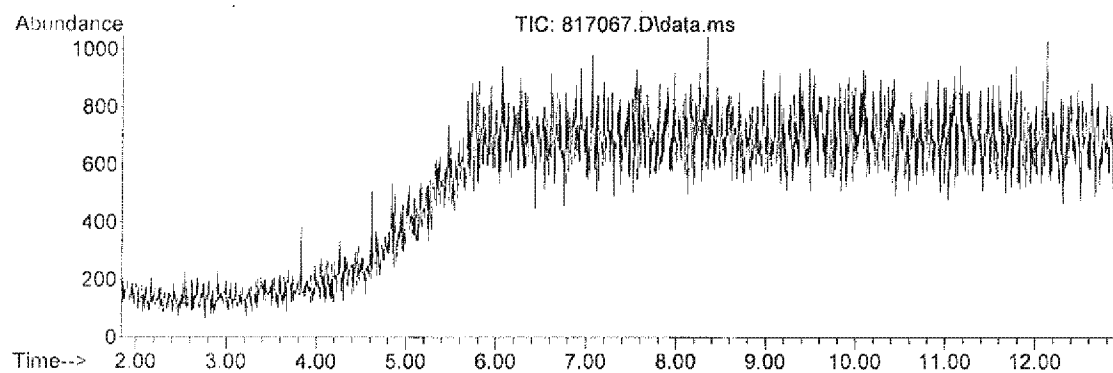
PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817067.D
Operator : KAC
Date Acquired : 15 Feb 2012 7:09
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



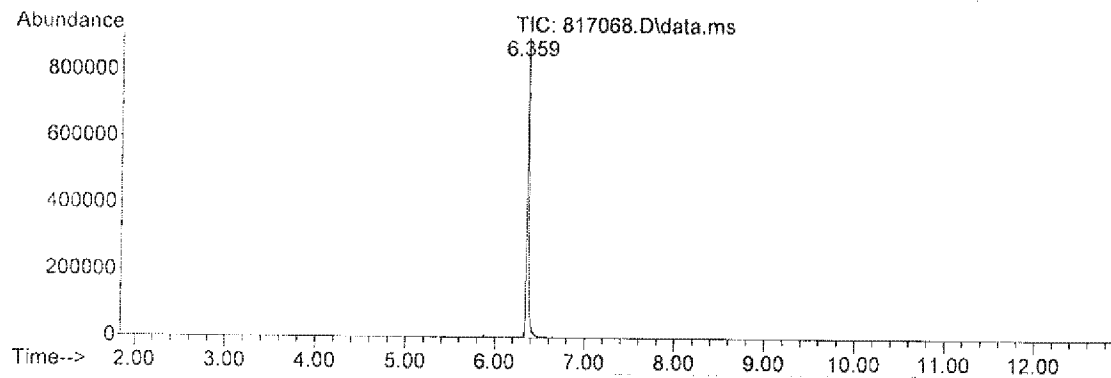
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817068.D
 Operator : KAC
 Date Acquired : 15 Feb 2012 7:25
 Sample Name : HEROIN STD
 Submitted by :
 Vial Number : 68
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.359	1332059	100.00	100.00

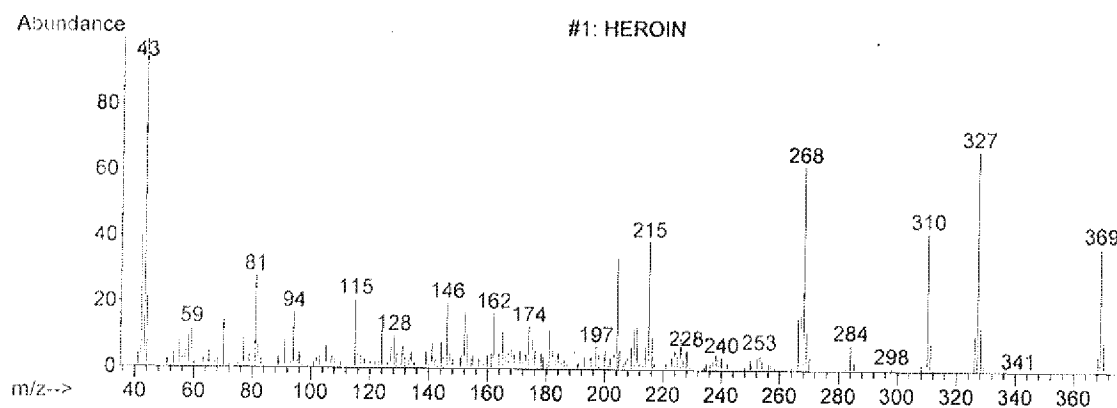
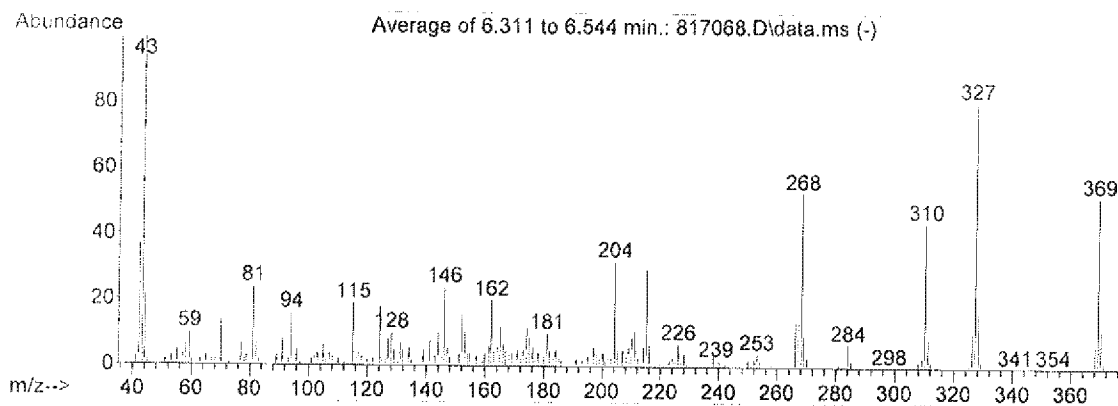
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\02_14_12\817068.D
Operator : KAC
Date Acquired : 15 Feb 2012 7:25
Sample Name : HEROIN STD
Submitted by :
Vial Number : 68
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

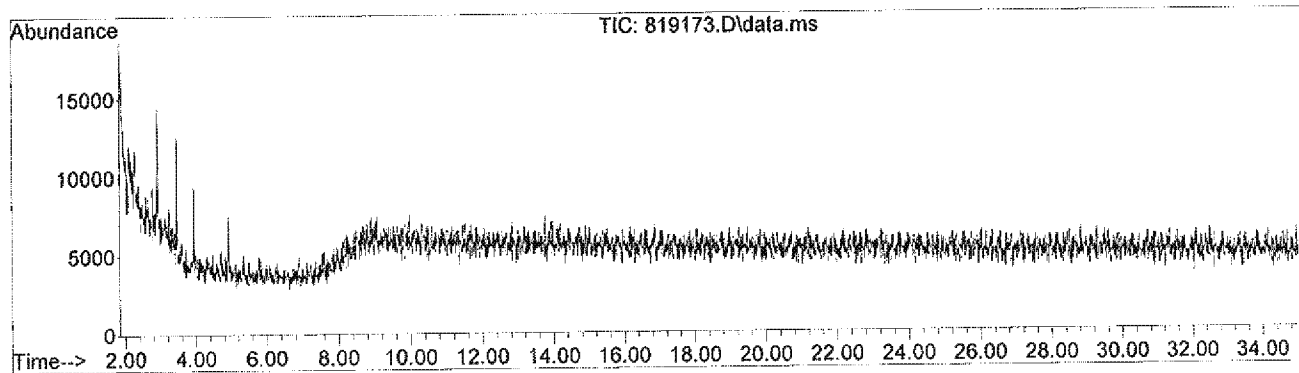
PK#	RT	Library/ID	CAS#	Qual
1	6.36	C:\Database\SLI.L HEROIN	000561-27-3	99



✓KAC
3/6/12

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819173.D
Operator : KAC
Date Acquired : 28 Feb 2012 11:23
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN.M
Integrator : RTE



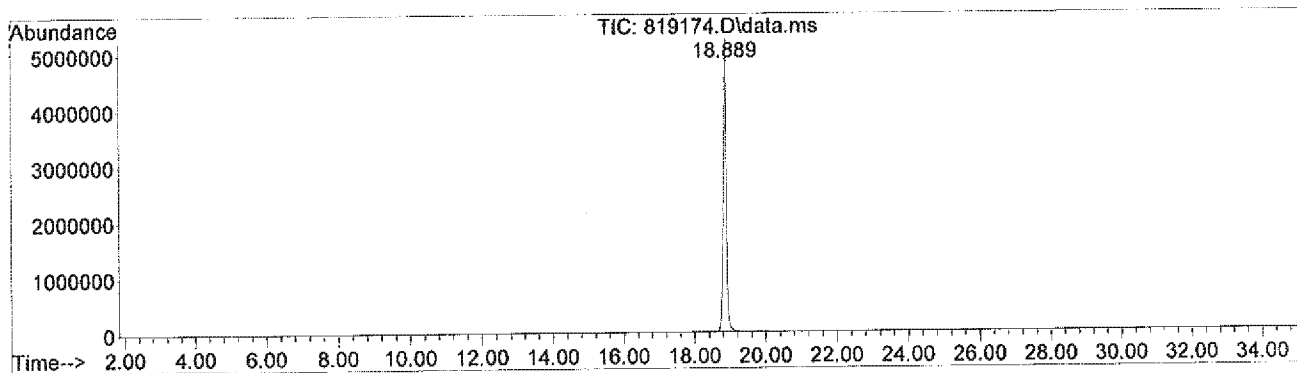
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819174.D
 Operator : KAC
 Date Acquired : 28 Feb 2012 12:02
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 74
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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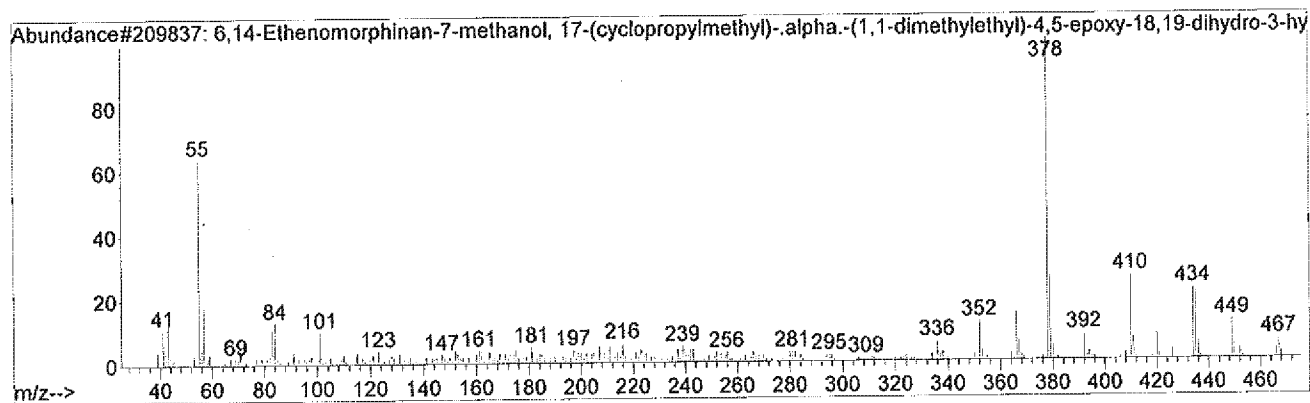
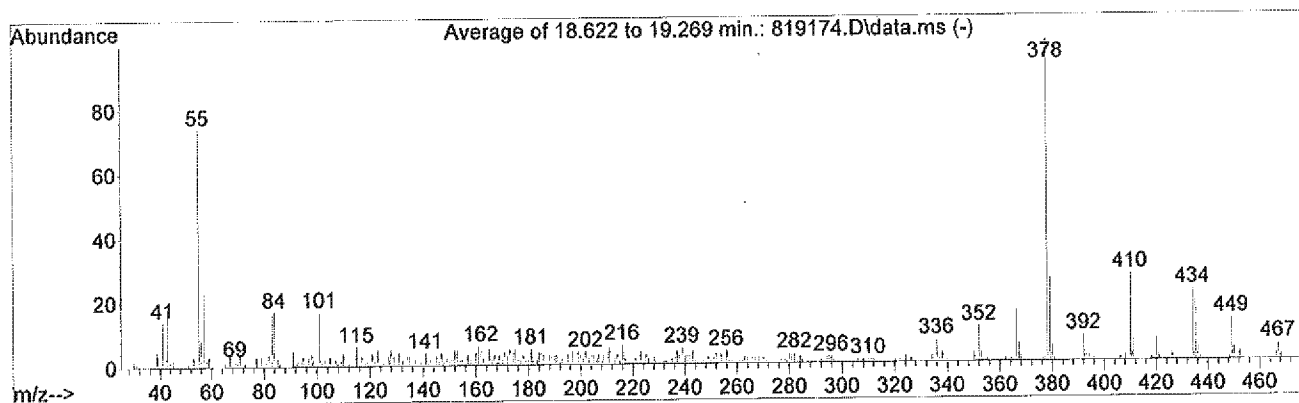
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819174.D
Operator : KAC
Date Acquired : 28 Feb 2012 12:02
Sample Name : BUPRENORPHINE STD
Submitted by :
Vial Number : 74
AcquisitionMeth: WSCREEN.M
Integrator : RTE

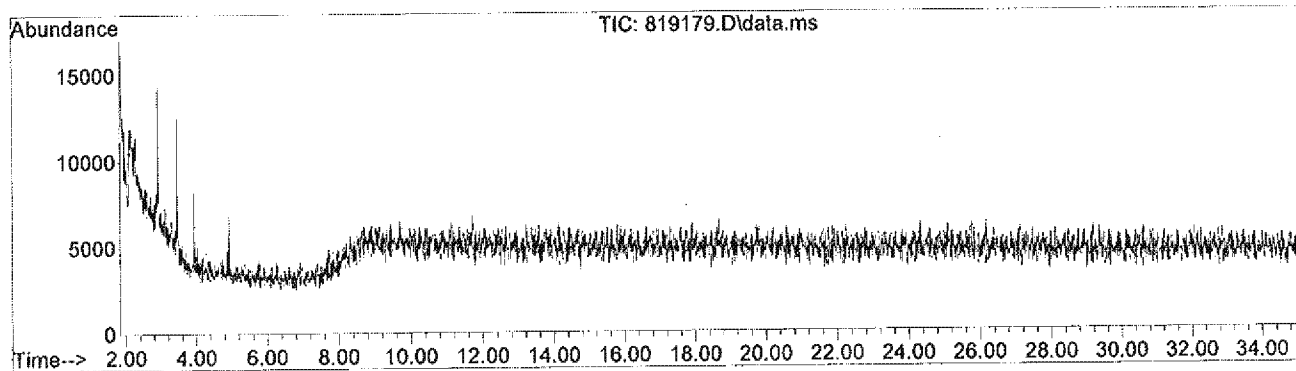
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	18.89	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	96



Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819179.D
Operator : KAC
Date Acquired : 28 Feb 2012 15:15
Sample Name : BLANK
Submitted by : HLL
Vial Number : 2
AcquisitionMeth: WSCREEN.M
Integrator : RTE

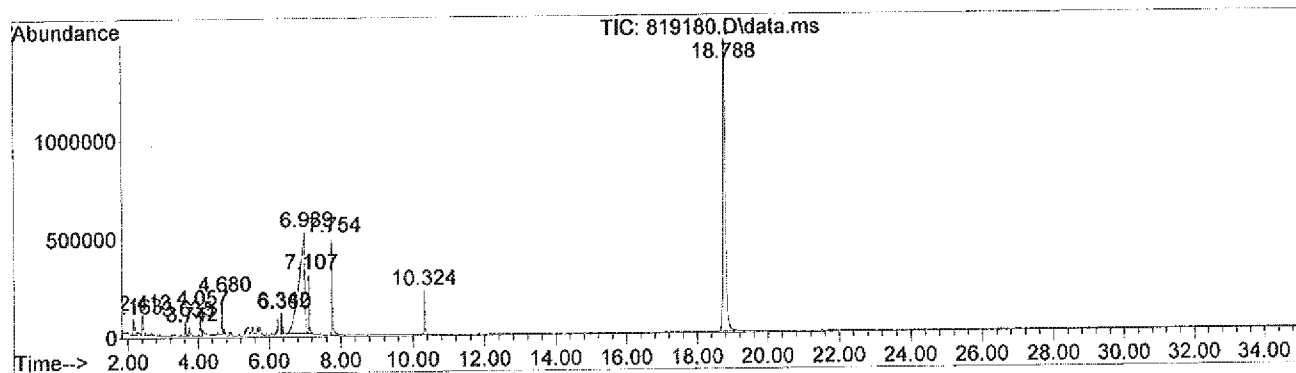


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
Operator : KAC
Date Acquired : 28 Feb 2012 15:54
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 80
AcquisitionMeth: WSCREEN.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
2.163	290754	1.89	4.25
2.413	322554	2.10	4.72
3.635	129549	0.84	1.90
3.742	145737	0.95	2.13
4.057	208340	1.35	3.05
4.680	205495	1.33	3.01
6.342	122776	0.80	1.80
6.360	108880	0.71	1.59
6.989	5656112	36.74	82.74
7.107	338620	2.20	4.95
7.754	649368	4.22	9.50
10.324	381711	2.48	5.58
18.788	6835731	44.40	100.00

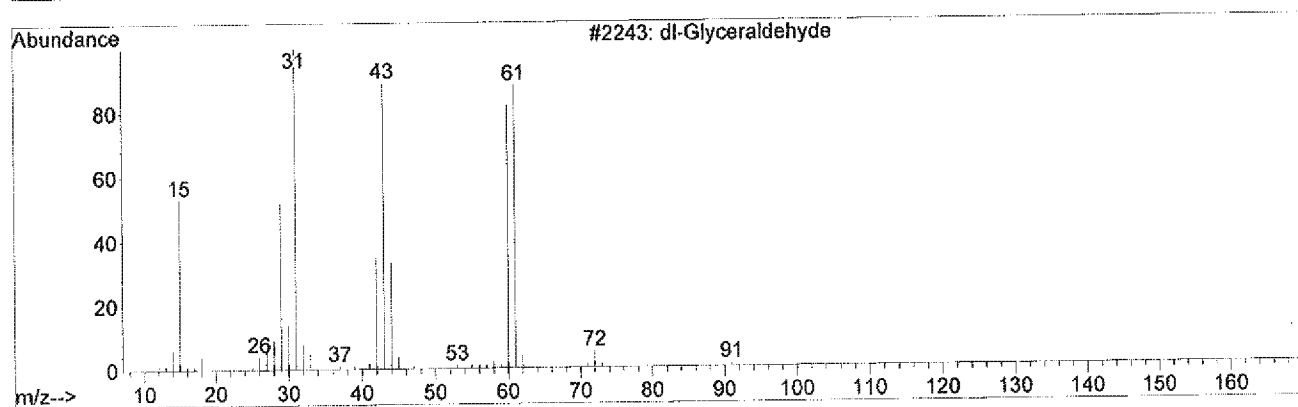
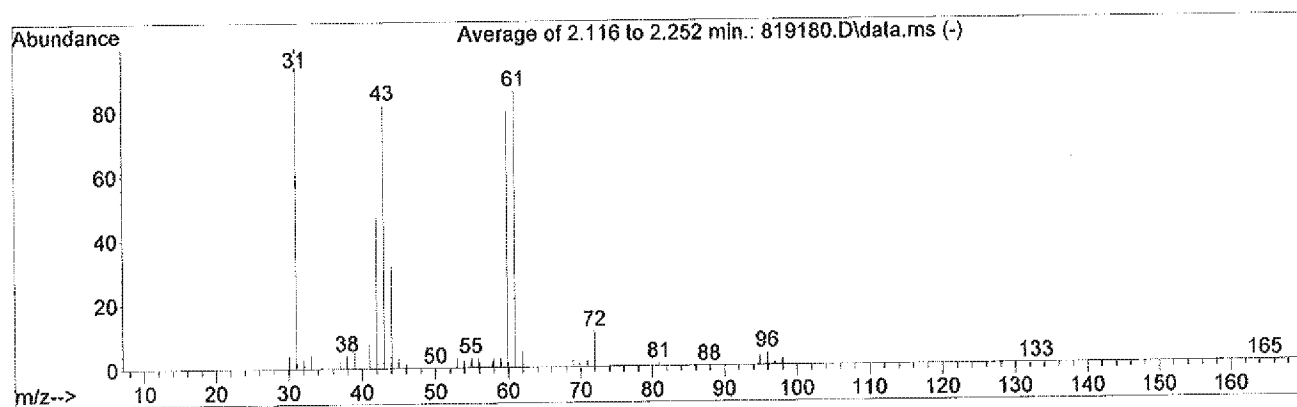
Area Percent / Library Search Report

Information from Data File:

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 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.16	C:\Database\NIST08.L		
		dl-Glyceraldehyde	000056-82-6	83
		DL-Xylose	041247-05-6	45
		Diglycolic acid	000110-99-6	40



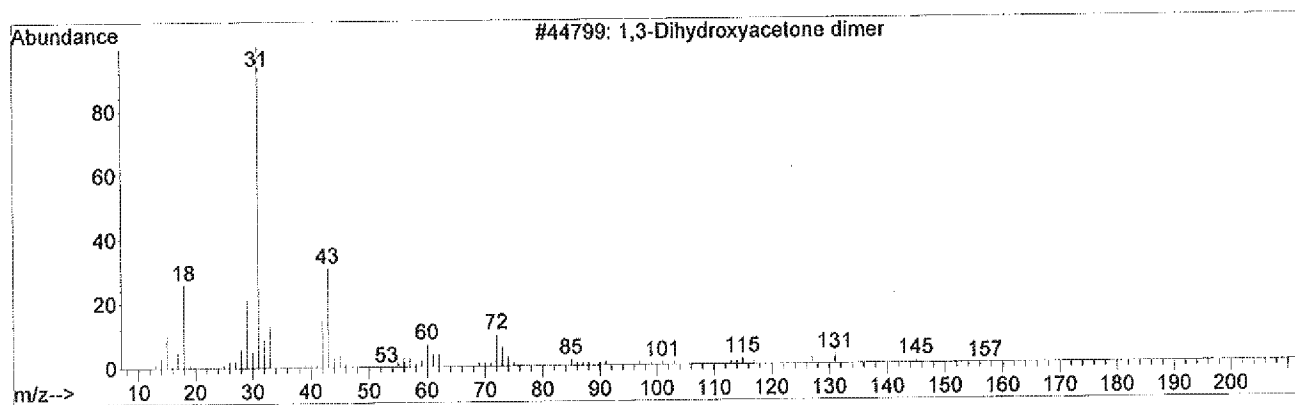
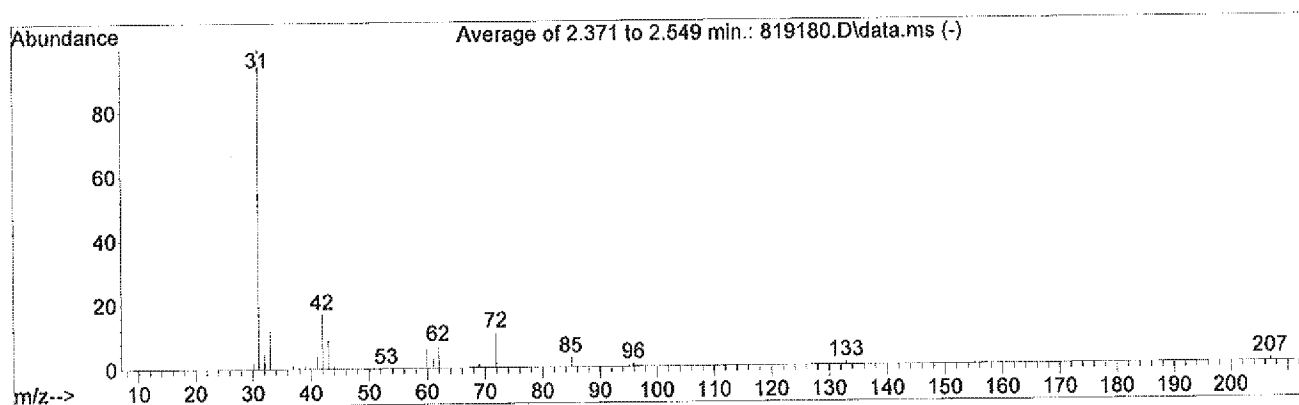
Area Percent / Library Search Report

Information from Data File:

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Operator : KAC
Date Acquired : 28 Feb 2012 15:54
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 80
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.41	C:\Database\NIST08.L		
		1,3-Dihydroxyacetone dimer	062147-49-3	64
		2-Propanone, 1,3-dihydroxy-	000096-26-4	64
		dl-Glyceraldehyde dimer	026793-98-6	40



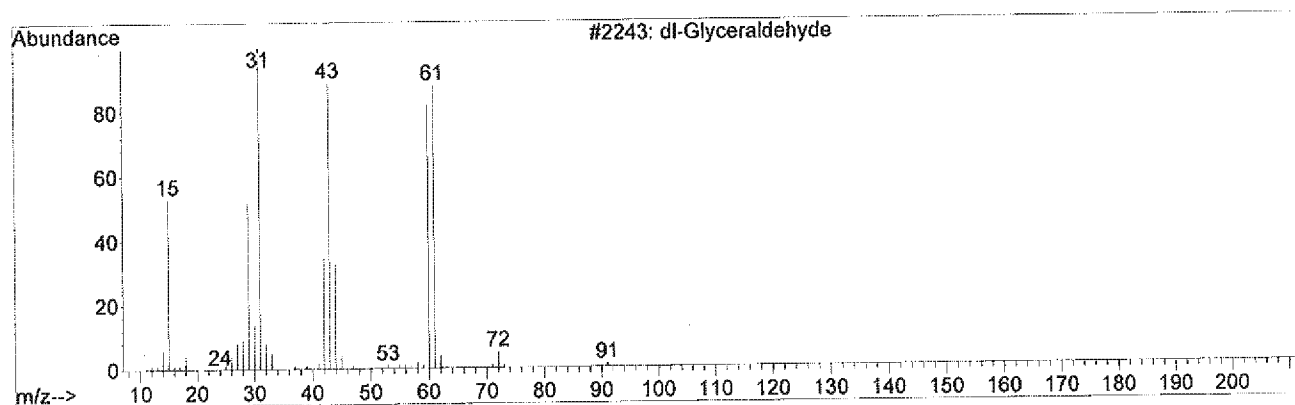
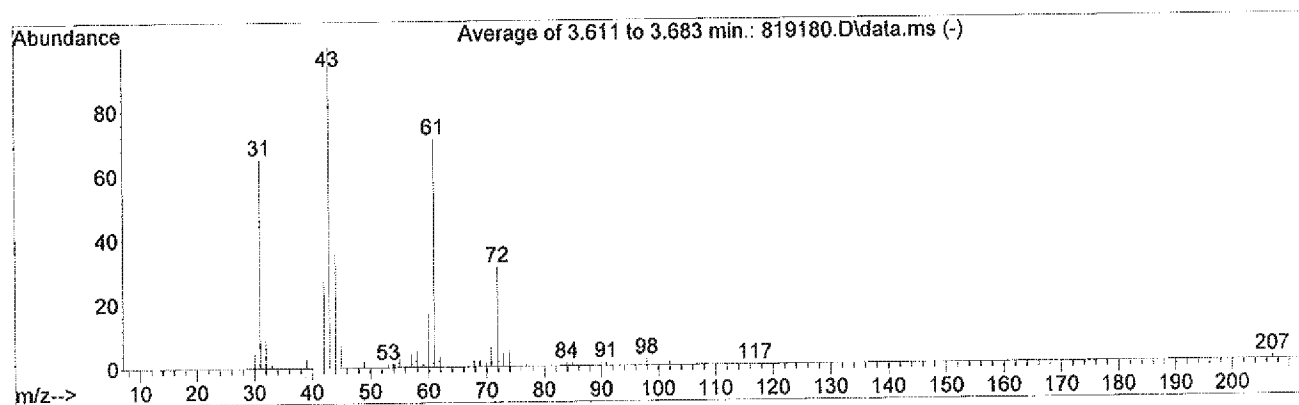
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	3.64	C:\Database\NIST08.L		
		dl-Glyceraldehyde	000056-82-6	38
		3-Methoxy-2,2-dimethyloxirane	026196-04-3	35
		4-Amino-furazan-3-carboxylic acid (347355-79-7	33



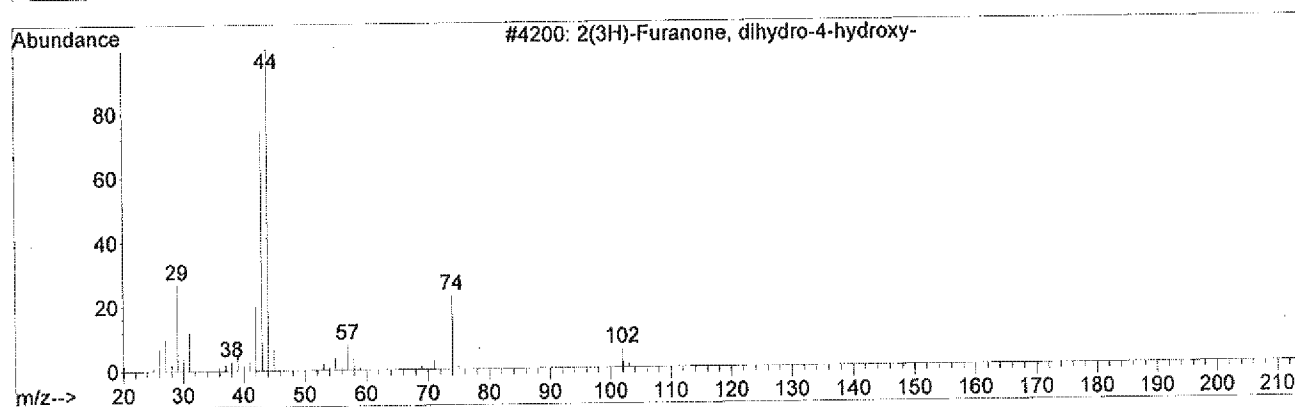
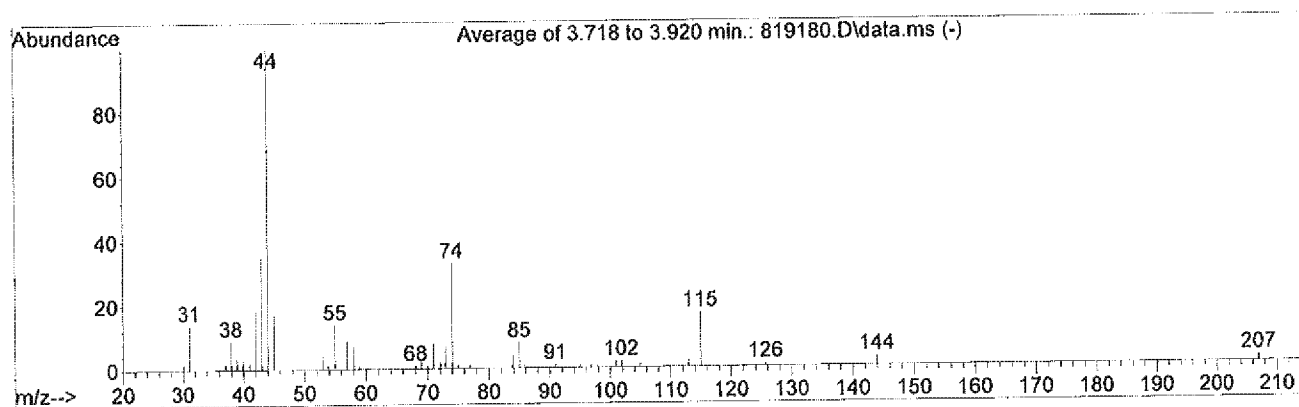
Area Percent / Library Search Report

Information from Data File:

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Operator : KAC
Date Acquired : 28 Feb 2012 15:54
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 80
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.74	C:\Database\NIST08.L		
		2(3H)-Furanone, dihydro-4-hydroxy-	005469-16-9	64
		Pentanal	000110-62-3	47
		Cyclopropyl carbinol	002516-33-8	40



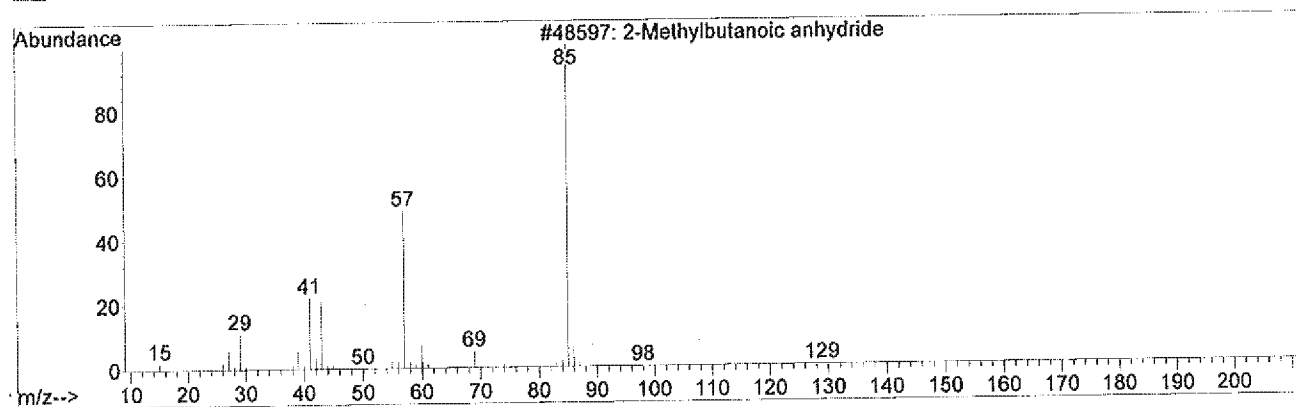
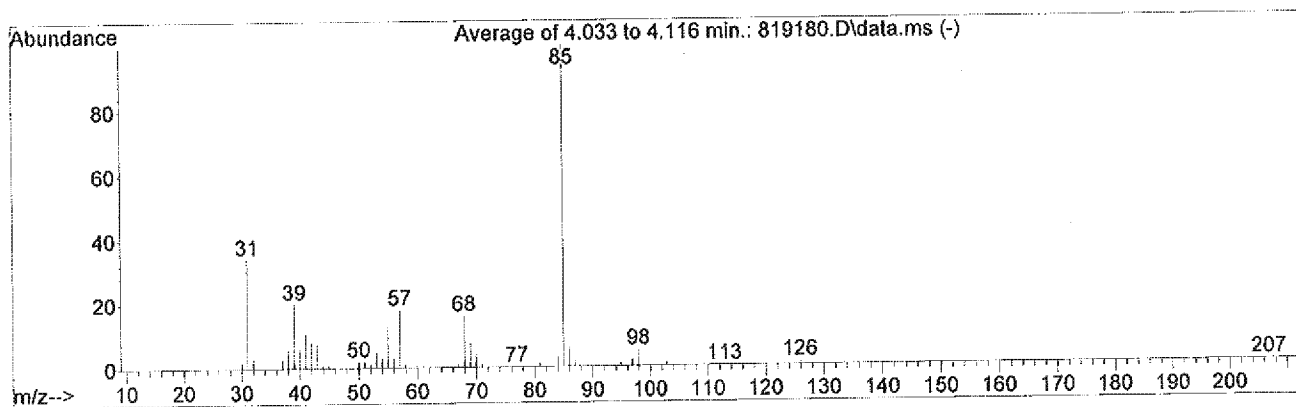
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
Operator : KAC
Date Acquired : 28 Feb 2012 15:54
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 80
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	4.06	C:\Database\NIST08.L		
		2-Methylbutanoic anhydride	001468-39-9	53
		Hexan-2,4-dione, enol	1000202-23-9	50
		1-Bromo-7-(tetrahydro-2-pyranyloxy)	010160-25-5	39



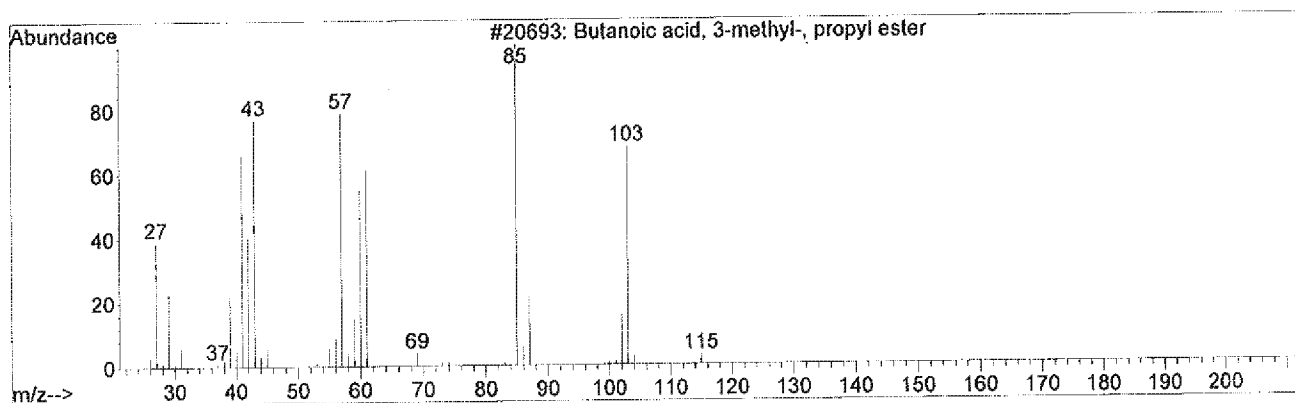
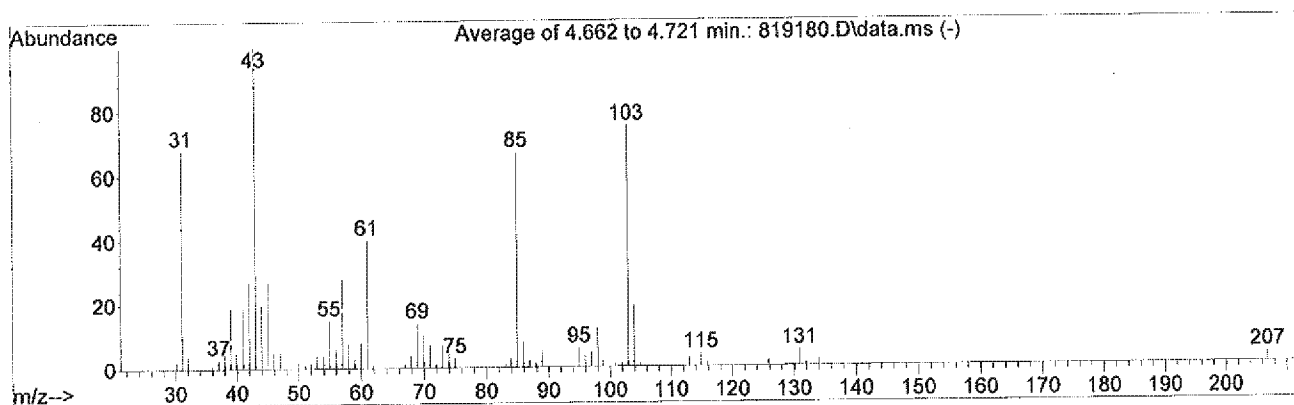
Area Percent / Library Search Report

Information from Data File:

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 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
6	4.68	C:\Database\NIST08.L		
		Butanoic acid, 3-methyl-, propyl es	000557-00-6	47
		Butanoic acid, 3-methyl-, propyl es	000557-00-6	38
		Butanedioic acid, 2-hydroxy-2-methy	006236-09-5	32



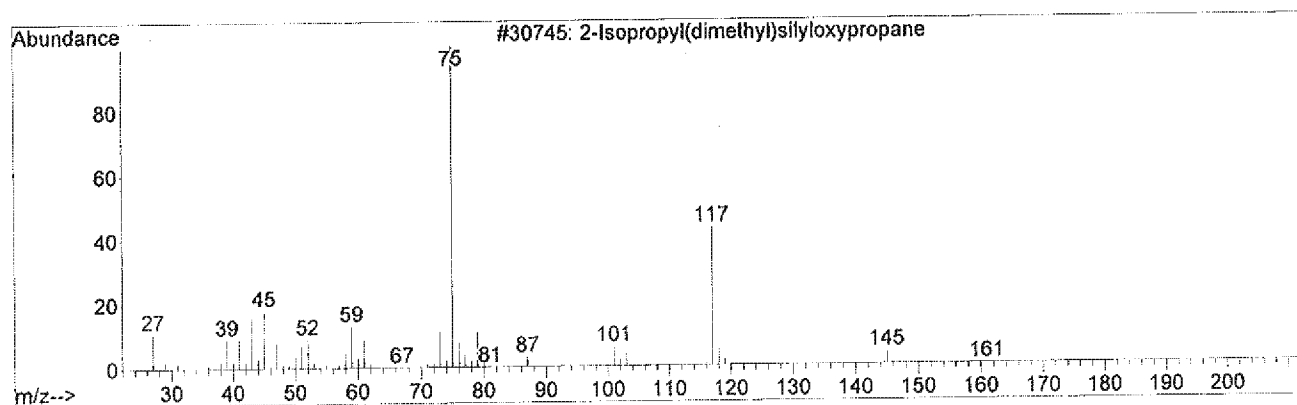
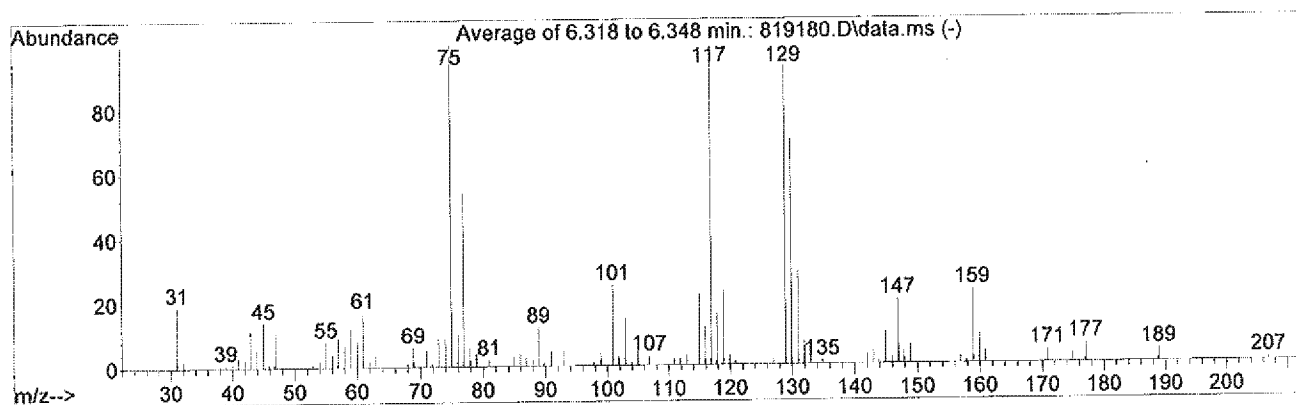
Area Percent / Library Search Report

Information from Data File:

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 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
7	6.34	C:\Database\NIST08.L		
		2-Isopropyl(dimethyl)silyloxypropan	1000278-74-1	27
		Heptane, 1,1-dimethoxy-	010032-05-0	27
		.beta.-Alanine, trimethylsilyl este	005269-40-9	22



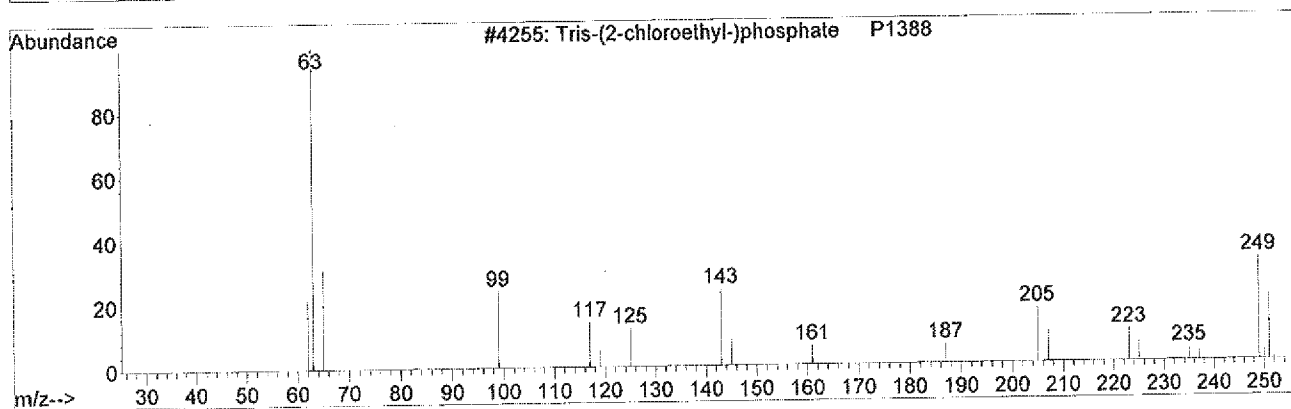
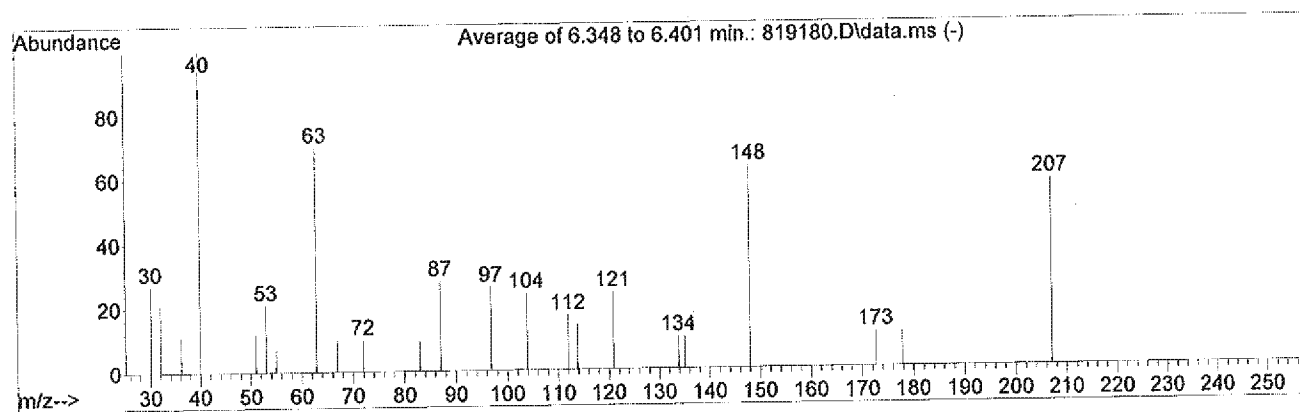
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
8	6.36	C:\Database\PMW_TOX2.L		
		Tris-(2-chloroethyl-)phosphate	000115-96-8	1
		Dimethylsulfoxide	000067-68-5	1



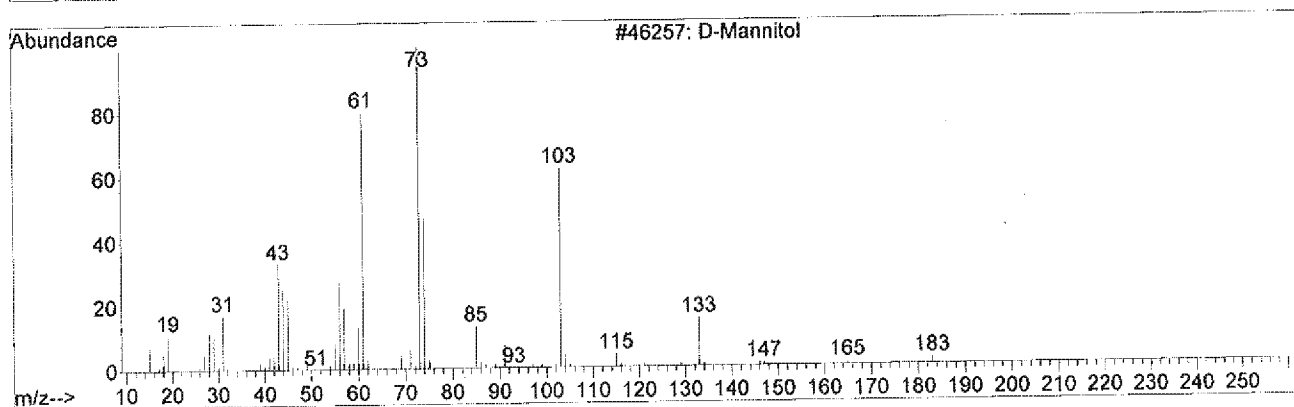
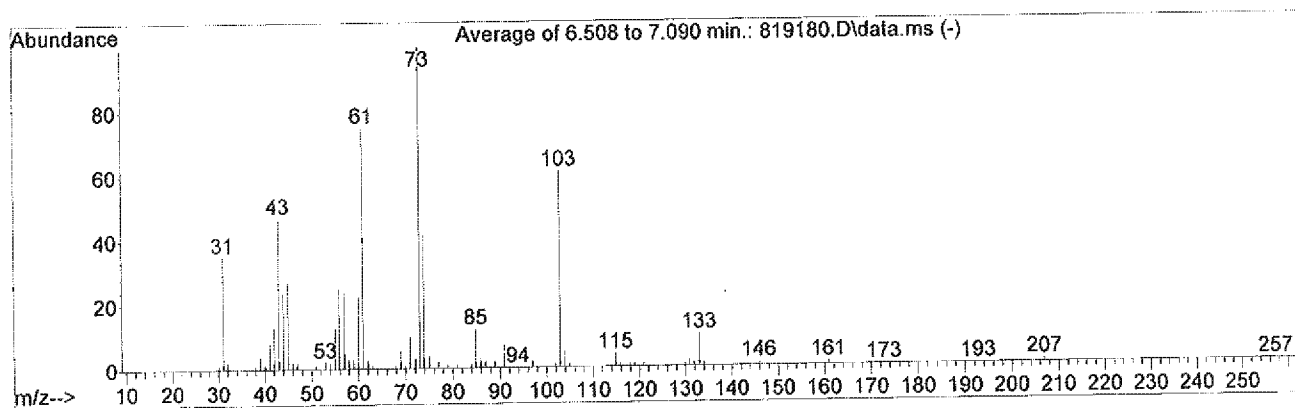
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
9	6.99	C:\Database\NIST08.L		
		D-Mannitol	000069-65-8	91
		Sorbitol	000050-70-4	90
		Galactitol	000608-66-2	87



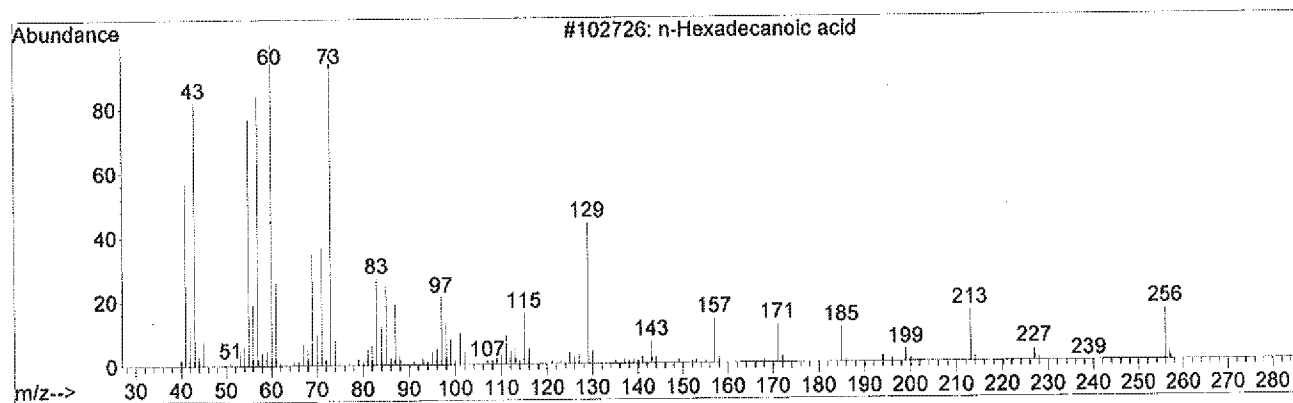
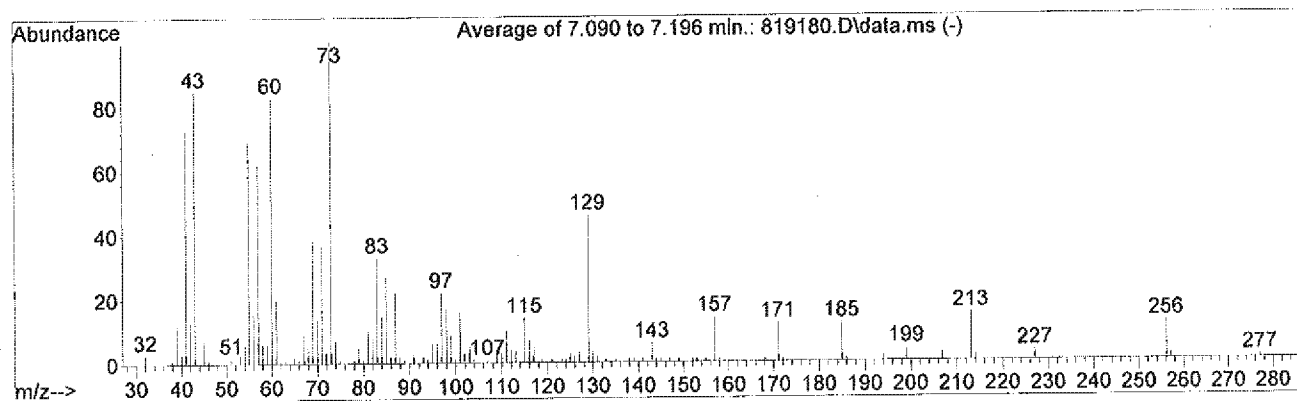
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
Operator : KAC
Date Acquired : 28 Feb 2012 15:54
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 80
AcquisitionMeth: WSCREEN.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
10	7.11	C:\Database\NIST08.L		
		n-Hexadecanoic acid	000057-10-3	97
		n-Hexadecanoic acid	000057-10-3	95
		Pentadecanoic acid	001002-84-2	87



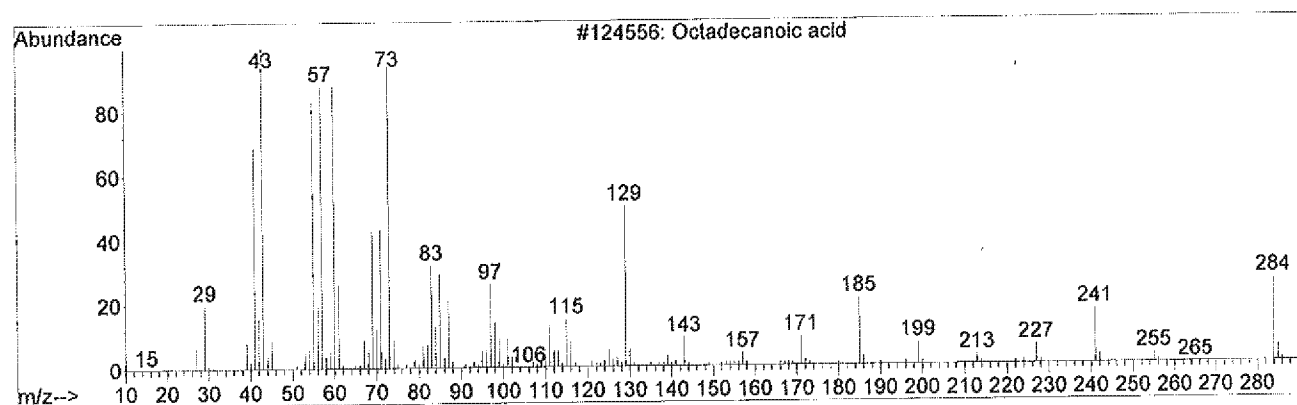
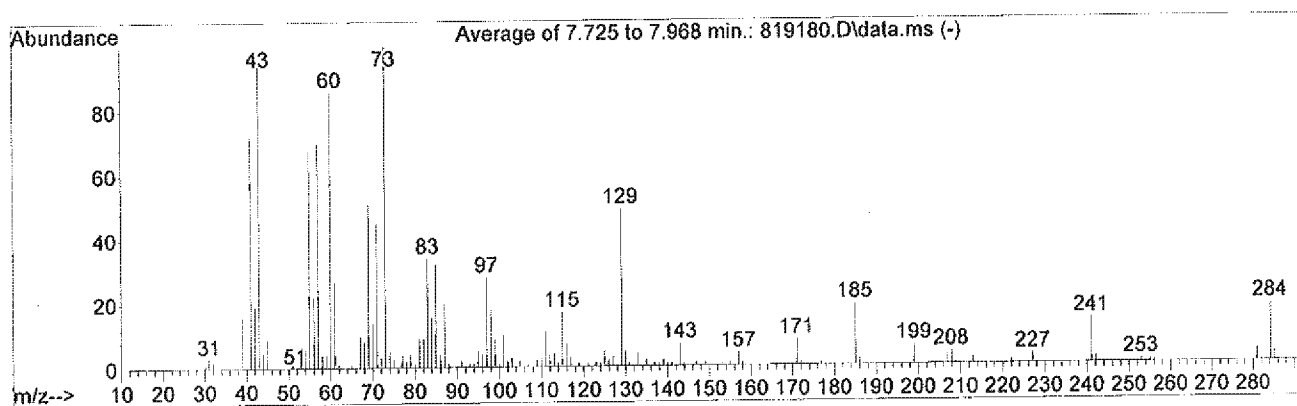
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
 Operator : KAC
 Date Acquired : 28 Feb 2012 15:54
 Sample Name : XXXXXXXXXX
 Submitted by : HLL
 Vial Number : 80
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 10
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
11	7.75	C:\Database\NIST08.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	96
		Octadecanoic acid	000057-11-4	95



Area Percent / Library Search Report

Information from Data File:

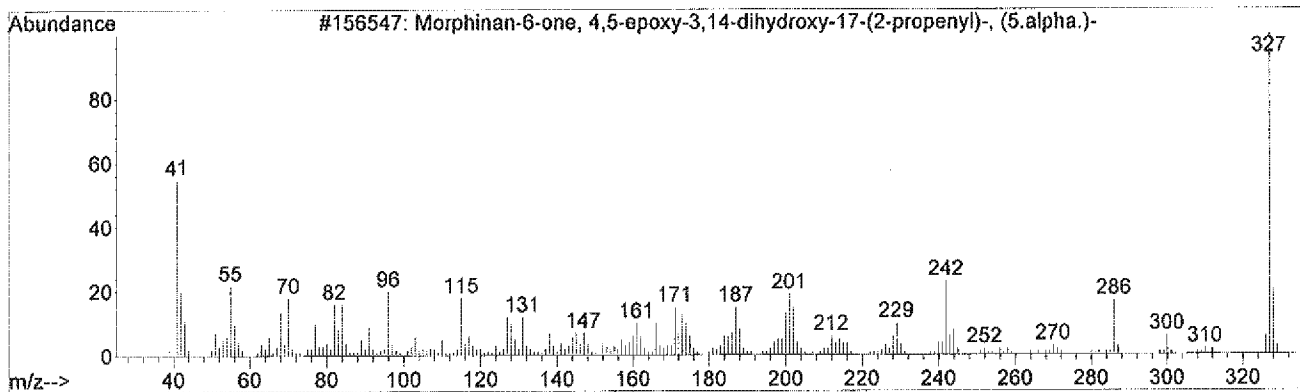
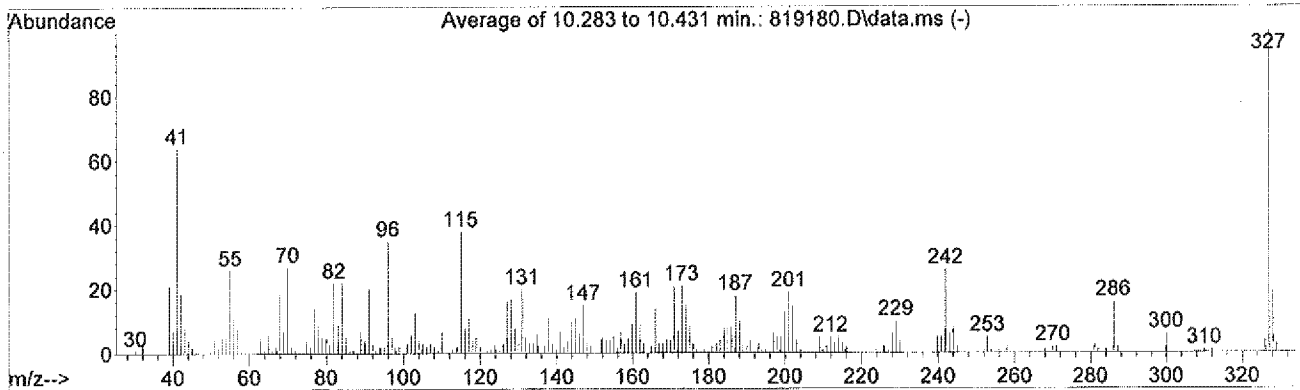
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File Name       : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
Operator        : KAC
Date Acquired   : 28 Feb 2012   15:54
Sample Name     : ██████████
Submitted by    : HLL
Vial Number     : 80
AcquisitionMeth : WSCREEN.M
Integrator      : RTE
  
```

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Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 10
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
12	10.32	C:\Database\NIST08.L		
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	96
		Morphinan-6-one, 4,5-epoxy-3,14-dih	000465-65-6	70

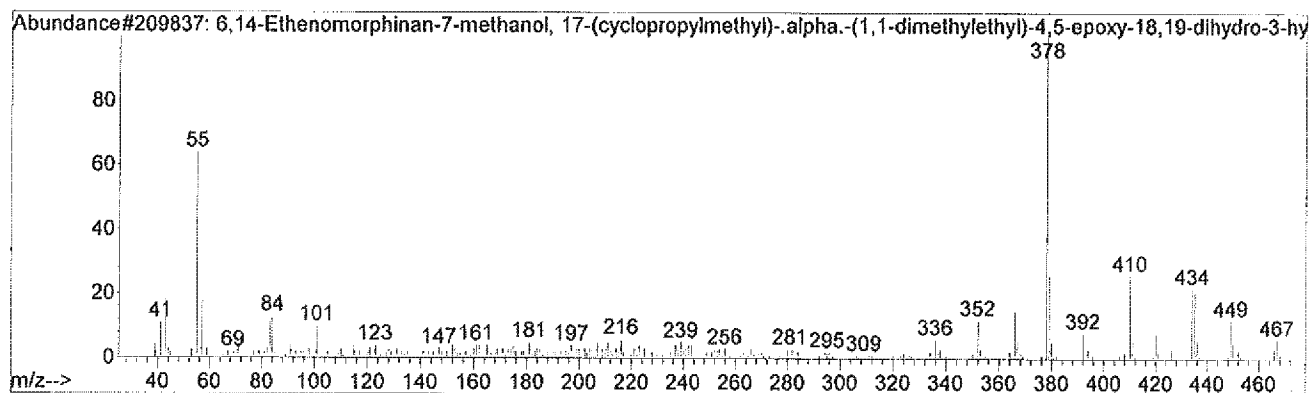
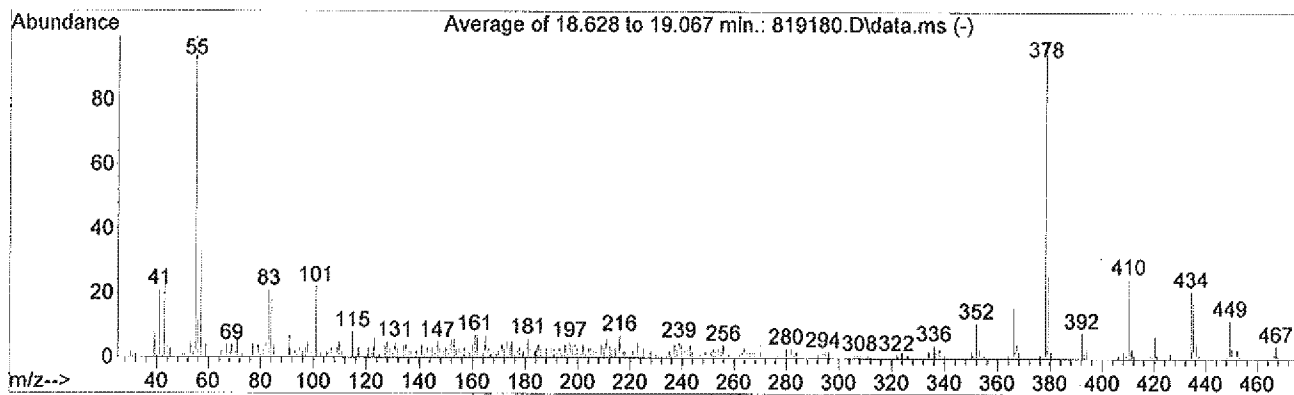


Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819180.D
Operator : KAC
Date Acquired : 28 Feb 2012 15:54
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 80
AcquisitionMeth: WSCREEN.M
Integrator : RTE

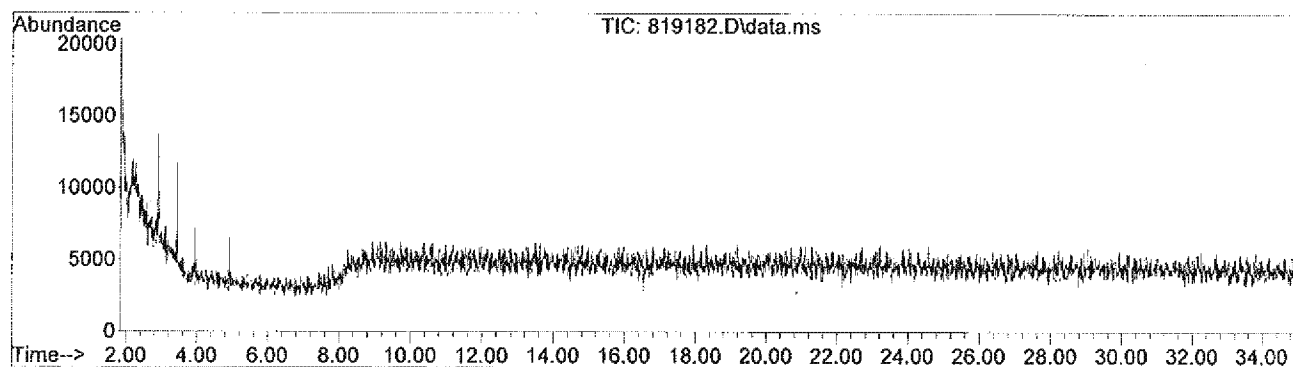
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
13	18.79	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	99
		6,14-Ethenomorphinan-7-methanol, 17	052485-79-7	95



Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819182.D
Operator : KAC
Date Acquired : 28 Feb 2012 17:11
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: WSCREEN.M
Integrator : RTE



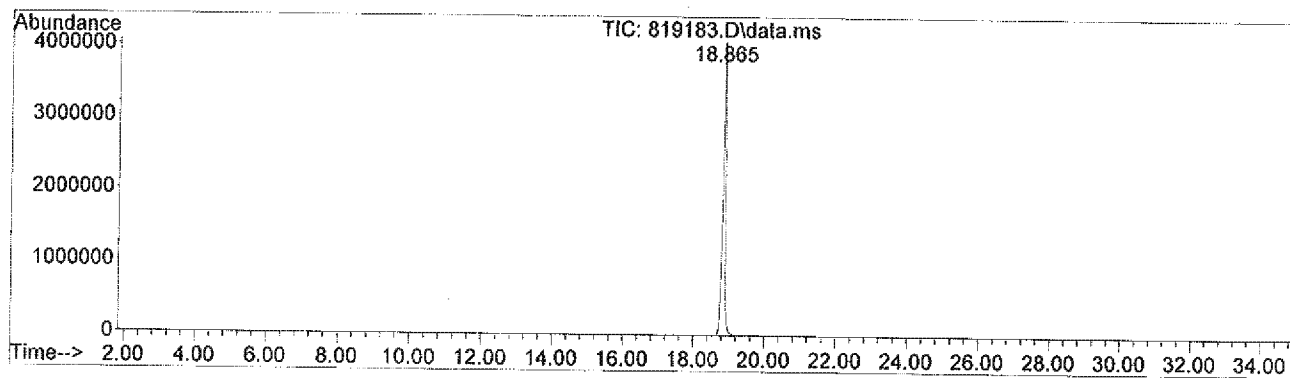
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819183.D
 Operator : KAC
 Date Acquired : 28 Feb 2012 17:50
 Sample Name : BUPRENORPHINE STD
 Submitted by :
 Vial Number : 74
 AcquisitionMeth: WSCREEN.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
18.865	20884528	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

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File Name       : C:\msdchem\1\DATA\SYSTEM9\02_27_12\819183.D
Operator        : KAC
Date Acquired   : 28 Feb 2012  17:50
Sample Name     : BUPRENORPHINE STD
Submitted by    :
Vial Number     : 74
AcquisitionMeth : WSCREEN.M
Integrator      : RTE
  
```

```

Search Libraries: C:\Database\SLI.L           Minimum Quality: 80
                  C:\Database\NIST08.L        Minimum Quality: 10
                  C:\Database\PMW_TOX2.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	18.87	C:\Database\NIST08.L		
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	99
		6,14-Ethenomorphinan-7-methanol,	17 052485-79-7	96

